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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/550,294

09/21/2005

Pierre Benato

ASK-009

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32954 7590 07/10/2008

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ALEXANDRIA, VA 22314

EXAMINER

LE, UYEN CHAUN

ART UNIT

PAPER NUMBER

2887

NOTIFICATION DATE

DELIVERY MODE

07/10/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

Office Action Summary	Application No. 10/550,294	Applicant(s) BENATO, PIERRE	
	Examiner Uyen-Chau N. Le	Art Unit 2887	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 March 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10, 12 and 14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10, 12 and 14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Prelim. Amdt/Amendment

1. Receipt is acknowledged of the Amendment filed 03/26/2008.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-10, 12 and 14 are rejected under 35 U.S.C. 102(b) as being anticipated by Morizumi et al. (US 6459588 B1).

Re claims 1-10, 12 and 14: Morizumi et al. discloses a method for manufacturing an antenna of a hybrid contact-contactless or contactless smart card that includes a support 11 on which the antenna is made, two card bodies on each side of said support [11, 41] (figs. 1, 3 & 8), each of said card bodies comprising at least one thermoplastic layer, and a chip 12 or a module connected to the antenna 13, comprising the steps of: depositing a layer 14 of a material consisting essentially of resin on a predetermined zone on said antenna support 11, said zone corresponding to an imprint of the antenna the location where the antenna is to be printed or being slightly larger than said antenna location (fig. 1), manufacturing the antenna, including consisting essentially in screen printing turns and two connection pads of electrically conductive ink on said zone prepared beforehand on said support and subjecting said support to a heat treatment in

order to bake said ink (col. 4, lines 15-44), wherein the layer of resin 14 is more dimensionally stable than the antenna support 11 at elevated temperature and pressure (i.e., based on the material properties of the resin 14 and the support 11) (col. 3, lines 45-55 and col. 4, line 53 through col. 5, line 19); wherein said material layer is an offset ink (col. 4, lines 26+); wherein said ink consists essentially of rosin (col. 4, lines 26+); wherein said ink consists essentially of epoxy cyanoacrylate resin (col. 4, lines 26+); wherein said two card bodies are laminated on each side of said support in two steps, the first lamination step comprising welding on each side of said antenna support two homogenous thermoplastic sheets by hot press moulding at a temperature sufficient for the material that makes up the sheets to soften and to flow completely so as to eliminate all differences in thickness of the support, and a second lamination step performed after a duration corresponding to the time required for said thermoplastic sheets to solidify, said second step comprising welding on the antenna support of constant thickness obtained after the first lamination step two layers of plastic material, constituting the body of the card, by hot press moulding, wherein said two card bodies are laminated on each side of said support according to a single lamination step comprising welding on each side of said antenna support at least two thermoplastic layers (col. 6, lines 22-65; and col. 8, line 40 through col. 9, line 57).

Response to Arguments

4. Applicant's arguments with respect to claims 1-10, 12 and 14 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The patents listed below are cited as of interest and illustrate a similar structure to a METHOD FOR MAKING A SMART CARD ANTENNA ON A THERMOPLASTIC SUPPORT AND RESULTING SMARTCARD.

- a. Launay (US 6320753 B1) discloses a support having a groove 11, antenna 10 disposed on the groove 11 (figs. 8-9).
- b. Matsushita et al. (US 6501440 B2) discloses a resin 50 disposed on frame 16, antenna 10 formed on resin 50 (fig. 9).
- c. Okamura et al. (US 6591494 B2) discloses a plane coil 12 disposed on frame 40, antenna 14 disposed on plane coil 12 (fig. 4).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uyen-Chau N. Le whose telephone number is 571-272-2397. The examiner can normally be reached on maxi-flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven S. Paik can be reached on 571-272-2404. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Uyen-Chau N. Le/
Primary Examiner, Art Unit 2887